AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Previously presented) A computer network dispatcher comprising:

one or more memories;

one or more inputs for accessing one or more files from a database stored in the memory;

one or more outputs to one or more respective network buffers;

one or more file lists, stored in one or more of the memories, identifying one or more of the files in the database that are to be transmitted over one or more networks connected to the respective network buffer;

one or more schedulers that schedules one or more portions of one or more of the files to be written to the respective network buffers by defining transmission criteria about each of the files in the file list, one of the transmission criteria being a quantity to transmit criteria defining a quantity of one or more of the portions of the respective file to transmit and another of the transmission criteria being one or more release times being the time at which the respective portion is to be written to the network buffer;

a dispatching process that determines an available space on one or more of the network buffers and a current system time, the dispatching process determining if the system time is greater than or equal to one of the release times and the dispatching process taking a minimum value of the available space and the quantity of the respective